

### **REMARKS**

This Application has been carefully reviewed in light of the Office Action mailed November 18, 2005 ("Office Action"). At the time of the Office Action, Claims 1-37 were pending in the application. In the Office Action, the Examiner rejects Claims 1-37. Applicant amends various claims to further prosecution and do not admit that any of these amendments are required as a result of any cited art reference.

#### **Section 102 Rejections**

The Examiner rejects Claims 1-7 and 13-37 under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,070,170 issued to Friske, et al., ("*Friske*"). Applicant amends Claims 1-7 and 13-37. Applicant respectfully traverses this rejection and requests reconsideration and allowance of Claims 1-7 and 13-37.

Amended Claim 1 recites, in part, "A method for reorganizing data, comprising ... identifying changes to the object that are made during a reorganization process ... for each change, determining whether the change affects the reorganization process ... creating a log file comprising log records, wherein the log records are associated with only those changes that are determined to affect the reorganization process." *Friske* does not teach, suggest, or disclose these elements of amended Claim 1. In general, *Friske* requires that **all** changes that are made to an object during a reorganization process be logged and applied to the object. (Col. 6, ll. 14-43). In particular, beyond determining whether a particular change occurred before or after the beginning of a reorganization process (col. 6, ll. 14-24), *Friske* does not make any sort of determination of whether a change actually affects the reorganization process, as recited in amended Claim 1. For example, the critical teaching of *Friske* provides, "Log records 312, reflecting changes which occurred to the original data set after the target data was unloaded until the present time, are then applied to the target data set in the shadow location 310." (Col. 6, ll. 33-36). It is clear from this passage that *Friske* does not make any determination of whether a particular change actually affects the reorganization process. Rather, *Friske* simply stores all of the changes that were made into the "log records 312."

In this regard, *Friske* is no different from the type of art described in the background of the present application on page 4, ll. 3-12. Prior systems such as the one described in *Friske* are inefficient because they record and log all changes made to an object during a

reorganization process and therefore must process and apply all of these changes even though some of these changes did not affect the reorganization process at all. In the present application, by “determining whether the change affects the reorganization process” and storing “log records” for “only those changes that are determined to affect the reorganization process,” the present application is able to reduce the processing related to effecting changes that are made to an object while it is being reorganized.

For at least these reasons, Applicant respectfully requests reconsideration and allowance of amended Claim 1. Claims 2-7 depend from Claim 1, shown above to be allowable. For at least these reasons, Applicant respectfully requests reconsideration and allowance of Claims 2-7.

Amended Claims 13, 20, 27, 28, 31, 34, and 37 recite similar elements as those described above with regard to amended Claim 1. For at least these reasons, Applicant respectfully requests reconsideration and allowance of amended Claims 13, 20, 27, 28, 31, 34, and 37. Claims 14-19, 21-26, 29-30, 32-33, and 35-36 depend from independent claims shown above to be allowable. For at least these reasons, Applicant respectfully requests reconsideration and allowance of Claims 14-19, 21-26, 29-30, 32-33, and 35-36.

### **Section 103 Rejections**

The Examiner rejects Claims 8-12 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,070,170 issued to Friske, et al. (“*Friske*”), in view of U.S. Patent No. 5,565,316 issued to Kershaw, et al., (“*Kershaw*”). Applicant respectfully traverses this rejection and requests reconsideration and allowance of Claims 8-12.

Amended Claim 8 recites, “A method for logging changes by a database management system, comprising ... identifying a change to be logged, wherein the change occurs during a reorganization process ... creating a log record based on the change ... determining whether the change affects the reorganization process ... storing the log record in a first log file recording selected changes only if the change is determined to affect the reorganization process ... and storing the log record in a second log file if the change is not determined to affect the reorganization process.” For at least the reasons described above with regard to amended Claim 1, *Friske* does not teach, suggest, or disclose at least, “determining whether the change affects the reorganization process ... storing the log record in a first log file recording selected changes only if the change is determined to affect the reorganization

process ... and storing the log record in a second log file if the change is not determined to affect the reorganization process.” *Kershaw* does not make up for the deficiencies of *Friske*. For at least these reasons, Applicants respectfully request reconsideration and allowance of amended Claim 8. Claims 9-12 depend from Claim 8, shown above to be allowable. For at least these reasons, Applicant respectfully requests reconsideration and allowance of Claims 9-12.

**CONCLUSION**

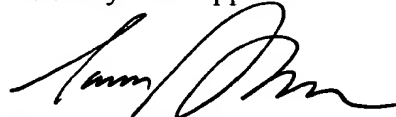
Applicant has made an earnest attempt to place this case in condition for allowance. For the foregoing reasons, and for other reasons clearly apparent, Applicant respectfully requests full allowance of all pending claims.

If the Examiner feels that a telephone conference would advance prosecution of this Application in any manner, the Examiner is invited to contact Samir A. Bhavsar, Attorney for Applicant, at the Examiner's convenience at (214) 953-6581.

Although no fees are believed due for this response, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.  
Attorneys for Applicant



Samir A. Bhavsar  
Reg. No. 41,617

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**CORRESPONDENCE ADDRESS:**

at Customer No.                      05073